

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
17 July 2003 (17.07.2003)

PCT

(10) International Publication Number
WO 03/057329 A1(51) International Patent Classification⁷:

A63F 3/06

(21) International Application Number:

PCT/DK03/00007

(22) International Filing Date:

8 January 2003 (08.01.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PA 2002 00022

8 January 2002 (08.01.2002)

DK

(71) Applicant (for all designated States except US): ZEODAN
APS [DK/DK]; Kongevej 19, DK-8752 Østbirk (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BLAKLEV,
Liselotte [DK/DK]; Kongevej 19, DK-8752 Østbirk (DK).
LYBEK, Ole [DK/DK]; Kongevej 19, DK-8752 Østbirk
(DK).(74) Agent: PATRADE A/S; Fredens Torv 3A, DK-8000
Aarhus C (DK).

(81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

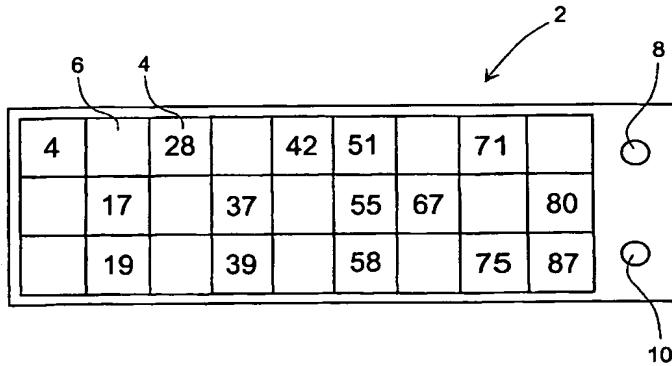
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ELECTRONIC BOARD FOR PLAYING BANKO OR BINGO



WO 03/057329 A1 (57) **Abstract:** The present invention relates to an electronic board for playing banko or bingo comprising rows and columns forming squares containing numbers, and which board 5 comprises printed numbers in at least some of the squares formed in rows and columns. When the board is in use during playing the game, a caller transmits drawn numbers to the players, where players mark drawn numbers on the board, where a game ends when a player has marked a defined number of rows or columns and switches the caller. It is the object of the present invention is to provide a manually operated electronic board for banko or bingo comprising means for marking numbers transmitted from the caller in order to avoid the use of coins or pieces of paper for marking. This can be achieved if a board as described in the opening paragraph also contains at least printed numbers in the rows and columns, and comprises electronic switches that are activated by pressing the numbers by the player's fingers, which switches activate marking elements placed in conjunction with the pressed number, which marking elements remain activated during the game. In playing the game, the player can operate the board in a way very similar to that used in traditional game playing. To the player, touching the number and activating the switch instead of placing a marking element on the number very much resembles manual board playing. In addition, the risk of removing markings by accident is totally eliminated. Just pushing a switch is much easier for the player than using the known marking methods, and allows the player to be more concentrated on the transmission of drawn numbers. For some very skilled players, this invention even enables them to operate several boards simultaneously.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK 03/00007

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A63F3/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 838 557 A (FLOYHAR ERIC M) 13 June 1989 (1989-06-13) column 1, line 51 -column 2, line 18 abstract; figures 2,3 ---	1-11
X	US 2 760 619 A (PEAK JOHN L) 28 August 1956 (1956-08-28) column 2, line 1-9 column 2, line 63 -column 3, line 23; figures 5,6 ---	1-11
X	US 5 230 514 A (FRAIN JOHN J) 27 July 1993 (1993-07-27) column 5, line 5-14 abstract; figures 2,3 ---	1-11 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

18 March 2003

Date of mailing of the International search report

02 04 2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

ALEXANDRA JARLMARK/JA

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 93/00007

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 228 596 A (DANIEL LINDA A) 21 October 1980 (1980-10-21) abstract; figure 1 ---	1-11
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 451 (C-1241), 23 August 1994 (1994-08-23) & JP 06 142273 A (SHIGERU TOMONO), 24 May 1994 (1994-05-24) abstract; figure 2 ---	1
A	US 4 365 810 A (RICHARDSON JOHN) 28 December 1982 (1982-12-28) column 3, line 61 -column 4, line 1 abstract; figure 1 ---	1-11
A	US 4 500 877 A (MOLAT JOSEPH H) 19 February 1985 (1985-02-19) abstract; figure 1 -----	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK/00007

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 4838557	A 13-06-1989	NONE		
US 2760619	A 28-08-1956	NONE		
US 5230514	A 27-07-1993	NONE		
US 4228596	A 21-10-1980	NONE		
JP 06142273	A 24-05-1994	NONE		
US 4365810	A 28-12-1982	CA 1157156 A1 15-11-1983 GB 2059270 A ,B 23-04-1981 US 4798387 A 17-01-1989		
US 4500877	A 19-02-1985	US 4384720 A 24-05-1983		